

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

10/678692

CLAIMS AS FILED - PART I

|                                  |              | (Column 1)   | (Column 2)               |
|----------------------------------|--------------|--------------|--------------------------|
| TOTAL CLAIMS                     |              |              |                          |
| FOR                              | NUMBER FILED | NUMBER EXTRA |                          |
| TOTAL CHARGEABLE CLAIMS          | minus 20 =   |              |                          |
| INDEPENDENT CLAIMS               | minus 3 =    |              |                          |
| MULTIPLE DEPENDENT CLAIM PRESENT |              |              | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| AMENDMENT A                                    |   |       | (Column 1)                                  | (Column 2)       | (Column 3) |
|--|---|-------|---|------------------|------------|
|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |            |
| Total  | 23  | Minus | 23  | =                |            |
| Independent                                    | 2   | Minus | 3   | =                |            |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |            |

4-18-06

| AMENDMENT B                                    |   |       | (Column 1)                                  | (Column 2)       | (Column 3) |
|--|---|-------|---|------------------|------------|
|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |            |
| Total  | 23  | Minus | 23  | =                |            |
| Independent                                    | 2   | Minus | 3   | =                |            |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |            |

| AMENDMENT C                                    |   |       | (Column 1)                                  | (Column 2)       | (Column 3) |
|--|---|-------|---|------------------|------------|
|  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |       | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | PRESENT<br>EXTRA |            |
| Total  | 4   | Minus | 4   | =                |            |
| Independent                                    | 4   | Minus | 4   | =                |            |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |       |   |                  |            |

| SMALL ENTITY<br>TYPE | OTHER THAN<br>OR SMALL ENTITY |
|----------------------|-------------------------------|
| RATE                 | FEES                          |
| BASIC FEE            | 150.00                        |
| OR                   | BASIC FEE                     |
| X\$ 25=              |                               |
| OR                   | X\$50=                        |
| X100=                |                               |
| OR                   | X200=                         |
| +180=                |                               |
| OR                   | +360=                         |
| TOTAL                |                               |
| OR TOTAL             |                               |

| SMALL ENTITY       | OTHER THAN<br>OR SMALL ENTITY |
|--------------------|-------------------------------|
| RATE               | ADDITIONAL<br>FEE             |
| X\$ 25=            |                               |
| OR                 | X\$50=                        |
| X100=              |                               |
| OR                 | X200=                         |
| +180=              |                               |
| OR                 | +360=                         |
| TOTAL<br>ADDT. FEE |                               |
| OR                 | TOTAL<br>ADDT. FEE            |

| RATE               | ADDITIONAL<br>FEE  |
|--------------------|--------------------|
| X\$ 25=            |                    |
| OR                 | X\$50=             |
| X100=              |                    |
| OR                 | X200=              |
| +180=              |                    |
| OR                 | +360=              |
| TOTAL<br>ADDT. FEE |                    |
| OR                 | TOTAL<br>ADDT. FEE |

| RATE    | ADDITIONAL<br>FEE |
|---------|-------------------|
| X\$ 25= |                   |
| OR      | X\$50=            |
| X100=   |                   |
| OR      | X200=             |
| +180=   |                   |
| OR      | +360=             |